

IN THE CLAIMS:

1. (Currently Amended) A capsule endoscope system comprising:

a capsule endoscope, of which movement is controlled by a magnetic field externally applied;

magnetic-field generating means for generating a magnetic field focused on one point to control the movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table; [[and]]

moving means for moving the examination table relative to the magnetic-field generating means;

a magnetic-field generating member arranged in at least one portion of the capsule endoscope; [[and]]

position detecting means for detecting position of the capsule endoscope[[,]]; and

an examination table drive control unit for controlling the movement of the examination table,

wherein the magnetic-field generating member includes a plurality of magnetic coils arranged in the directions of three axes, which perpendicularly intersect one another, respectively in the capsule endoscope,

at least one of the plurality of magnetic coils is configured such that having a current selectively supplied thereto in a time series manner ~~to control~~ to control the movement of the capsule endoscope by the interaction thereof with the magnetic-field generating means,

the position detecting means detects the position of the capsule endoscope, and

the moving means automatically controls the movement of the examination table ~~in a corresponding manner to~~ by the examination table drive control unit on the basis of information on the position of the capsule endoscope.

2-7. (Cancelled)

8. (Previously Presented) A capsule endoscope system comprising:

a capsule endoscope, of which movement is controlled by a magnetic field externally applied;

magnetic-field generating means for generating a magnetic field focused on one point to control the movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table;

moving means for moving the examination table relative to the magnetic-field generating means; and

a magnetic-field generating member arranged in at least one portion of the capsule endoscope;

wherein the magnetic-field generating member includes at least one magnetic coil, the magnetic-field generating means is controlled such that a magnetic field is intermittently applied as a pulse signal; and

the position of the capsule endoscope is detected by the magnetic field generating member when the magnetic field is not applied.

9-17. (Cancelled)

18. (New) A method of controlling a capsule endoscope, the method comprising:

generating an external magnetic field to control a movement of the capsule endoscope traveling in a body cavity of a subject lying down on an examination table;

detecting a position of the capsule endoscope in the body cavity; and
moving the examination table based on the detected position of the capsule
endoscope.